Serial No. 10/636,112

Atty Docket: DP-303841 (60408-419)

**IN THE CLAIMS:** 

The following listing of claims will replace all prior versions and listings of the

claims in this application:

1-23 (Cancelled).

24. (Currently Amended) .An injection nozzle for use in delivering fuel to a

combustion space, the injection nozzle comprising a nozzle body, at least a part of which

is provided with a first coating and a further coating applied to at least part of said first

coating to form a multi-layer coating, said multi-layer coating arranged so as to reduce the

temperature of at least a part of the nozzle body, in use, the multi-layer coating being

provided over at least the part of the exterior of the nozzle body which is exposed to the

temperature within the combustion space, in use, the injection nozzle being provided with

one or more outlet openings, each outlet opening being provided in a tip region of the

nozzle body which projects from an engine cylinder head within which the injection

nozzle is received, in use, into the combustion space, the first coating being formed from a

material having a higher thermal conductivity than the thermal conductivity of the nozzle

body.

25. (Cancelled).

26. (Cancelled).

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27. (Withdrawn) The injection nozzle as claimed in claim 24, wherein the first coating takes the form of a thermally insulating coating having a thermal conductivity lower than the thermal conductivity of the nozzle body.

28. (Withdrawn) The injection nozzle as claimed in claim 27, wherein the first coating is a ceramic material.

29. (Withdrawn) The injection nozzle as claimed in claim 27, wherein the further coating is formed from a material having a higher thermal conductivity than the thermal conductivity of the nozzle body.

30. (Cancelled).

- 31. (Currently Amended). The injection nozzle as claimed in claim <u>24</u> [[<del>26</del>]], wherein a part of the tip region of the nozzle body remains uncoated.
- 32. (Currently Amended). The injection nozzle as claimed in claim <u>24</u> [[<del>26</del>]], wherein a part of the tip region of the nozzle body is coated with a material having a lower thermal conductivity than the thermal conductivity of the nozzle body.
- 33. (Previously Presented). The injection nozzle as claimed in claim 32, wherein the material coating the tip region is a ceramic material.

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- 34. (Currently Amended). The injection nozzle as claimed in claim <u>24</u> [[<del>30</del>]], wherein the further coating is formed from a material having a lower thermal conductivity than the thermal conductivity of the nozzle body.
- 35. (Previously Presented). The injection nozzle as claimed in claim 34, wherein the further coating is only applied to a part of the first coating which is exposed to the temperature within the combustion space, in use.
- 36. (Previously Presented) The injection nozzle as claimed in claim 24, comprising an additional substrate material applied to the nozzle body, whereby the first coating is bonded to the nozzle body by means of the additional substrate material.
  - 37. (Cancelled).
  - 38. (Cancelled).
- 39. (Previously Presented) An injection nozzle, as set forth in claim 24, further comprising a second coating provided on another part of the nozzle body, the second coating formed from a material having a higher thermal conductivity than the thermal conductivity of the nozzle body, the nozzle body comprising a tip region which projects from an engine cylinder head within which the injection nozzle is received, in use, into the combustion space, at least part of said tip region being coated with the first coating, the first coating formed from a material having a lower thermal conductivity than the thermal conductivity of the nozzle body.